Avalon Cast Iron Gas Stoves

AVALON
Firestyles for Life

Featuring GreenSmart™ Technology

Eden™ Cast Iron Gas Stove

Use your Smart phone to what a video of the Eden burning

With its organic styling characteristic of the larger Tree of Life gas stove and featuring the revolutionary GreenSmart system – the Eden cast iron gas stove by Avalon is an excellent choice when looking for an elegant, smaller-sized freestanding stove with the latest in energy-efficient gas technology.

With its smaller size at 21-inches wide by 26-inches tall, the Eden complements intimate spaces and cozy nooks where a larger stove can overpower the area with both its size and heat output. The Eden produces up to 22,000 BTUs, along with an exceptional turn-down ratio of 70-percent – for fantastic control over the amount of heat produced. Additionally, the Eden boasts smaller clearances to adjoining walls (6-1/2" in the back and 3-1/2" on the sides) – so you can literally tuck it into small alcoves and niches. And despite its size, the Eden boasts an incredibly large 416 square inches of fire-viewing area with three sides of glass openings – to highlight the realistic dancing-flame fire.

Maximum BTU Input per Hour	Minimum BTU Input per Hour	Heating Capacity	Overall Efficiency	Canadian P 4.1 Efficiency
22,000 (NG & LP)	6,300 (NG) 6,700 (LP)	500 to 850 sq. ft. with fan 500 to 650 sq. ft. without fan	Up to 80.1% (NG) & (LP)	71.1%* (NG) & 73.3% (LP)

* Gas appliance performance can be affected by negative pressure in the home and by prevailing atmospheric conditions. Contact local building or fire officials about restrictions and installation requirements in your area.
** Overall efficiency measured with maximum flue configuration. Heating capacity shown with blower.

Shown in the Majolica Brown Enamel Finish

Choose From Three Exterior Finishes

Black Painted - Soft black paint tones echoes and highlight the richness of cast iron finish.

Majolica Brown - The glossy translucent twice-fired porcelain enamel features the rich earth tones and hues found in early American pottery.

Hand-Rubbed Bronze Patina Gives the appears to be a solid cast bronze stove or piece of metal work that has the distressed look of the ages.

Reversible Fireback

Brick Design

Stucco Design

Optional Reversible Liner

The Eden gas stove comes standard with a black painted interior. You have the option of adding the reversible ceramic liner that features straight brick pattern on one side and a stucco pattern on the backside.

Tree of Life™ Gas Stove

Shown in the Black Painted Finish

Inspired by the Gothic arches of cathedrals in Europe and a love of nature, the Tree of Life's delicate branch and leaf design is as captivating as its story. Early worshippers gathered in the woods before churches were ever built. Later, when cathedrals were constructed, this Tree of Life design was incorporated into their structures, reminiscent of the natural arches of the trees and branches interlocking. Today many of us still commune with trees and nature, spending time in the outdoors to feel connected, refreshed and inspired.

The Tree of Life™ features a view of the fire on three sides for a huge 538 square inches of viewing area! The double doors can be positioned open (note the finely cast detail even on the inside of the door) or completely removed for unobstructed fire viewing.

Maximum BTU Input per Hour	Minimum BTU Input per Hour	Heating Capacity	Steady State Efficiency	Canadian P 4.1 Efficiency
31,000 (NG & LP)	12,600 (NG) 10,700 (LP)	500 to 1,500* sq. ft. *With optional Blower	Up to 79.5.% (NG) & 80.1% (LP)	70.77%* (NG) & 70.71% (LP)

* Gas appliance performance can be affected by negative pressure in the home and by prevailing atmospheric conditions. Contact local building or fire officials about restrictions and installation requirements in your area.
** Overall efficiency measured with maximum flue configuration. Heating capacity shown with blower.

Shown in the Majolica Brown Enamel Finish

Choose From Three Exterior Finishes

Black Painted
Soft black paint tones echoes and highlight the richness of cast iron finish.

Majolica Brown Enamel
The glossy, twice-fired porcelain enamel features a rich earth brown tone.

Hand-Rubbed Bronze Patina
Gives the appears to be a solid cast bronze stove or piece of metal work that has the distressed look of the ages.

Optional Reversible Liner

The Tree of Life gas stove comes standard with a black painted interior. You have the option of adding the reversible ceramic liner that features straight brick pattern on one side and herringbone pattern on the backside.

Brick Design

Herringbone Design

Revolutionary GreenSmart™ System

The Eden and Tree of Life features the revolutionary GreenSmart gas burner system and realistic Ember-Fyre burner. The GreenSmart system is the latest in energy-efficient gas technology that heats the home while saving on energy usage and lowering heating bills. The real power of the GreenSmart system is the entire collection of components, controls and technology features which include:

- Avalon's patented Ember-Fyre™ burner technology features dancing yellow flames and glowing embers that captures the beauty of a real wood fire. It is the most realistic gas fire available - so real looking that Popular Science® magazine awarded the Ember-Fyre one of its Top 100 Innovations of the Year!
- Easy Heat/Flame Adjustment with a huge high-to-low turndown ratio.
- Comfort Control™ that allows you to turn off the rear burner for less heat and year-round enjoyment of the fire.
- LED lighted control panel that automatically lights up when you lower the access panel making reading the controls easy even in low light environment or during power outages.
- Choice of pilot ignition modes - GreenSmart™ electronic ignition for instant fire and to conserve energy when the stove is not being operated or Standing Pilot for periods of extreme cold where a heated chimney is needed to maintain the flue draft.
- A built-in battery backup allows operation of the burner during power outage (also allows manual ON/OFF if you misplace your remote).
- A warm glow even when the fire is turned off. The standard Accent Light feature adds a glowing backlight behind the logs and against the beautiful cast iron fireback. It's perfect as a night-light or soft indirect light for the room.
- Optional 130 CFM Convection Blower for increased heat transfer to your home.

Thermostat and Remote Options

Wall Thermostat

A wall thermostat allows you to set your desired room temperature and can be wired up to 25 feet from the appliance.

Basic Remote

This remote offers a basic remote control with simple to use controls. These include:

- ON/OFF
- Manual or Programmable Thermostat
- Sleep Timer
- Clock Functions

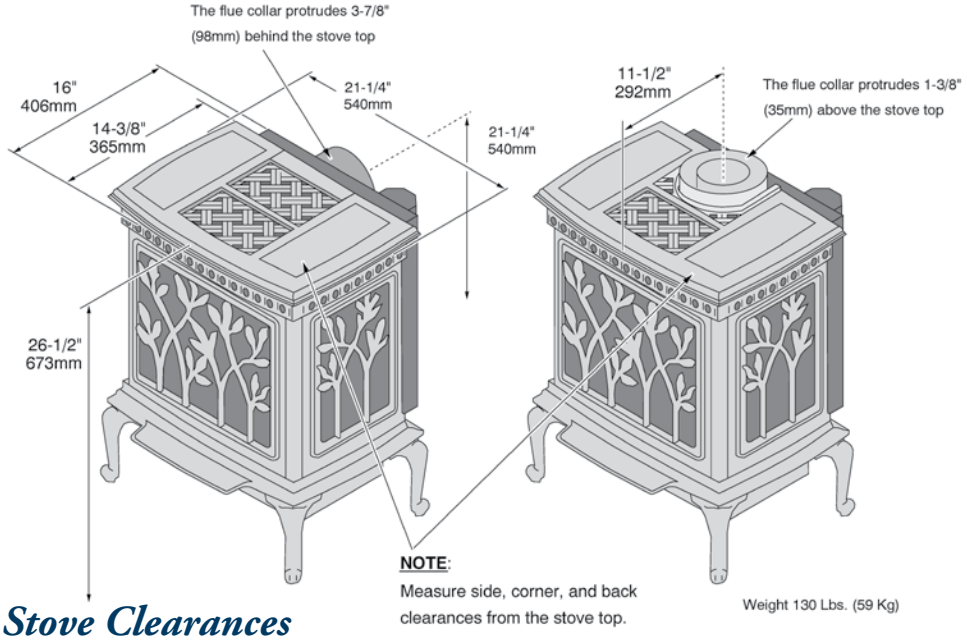
GreenSmart™ Remote

Consider adding the optional GreenSmart Remote. This convenient option gives you the ability to control almost all the functions of the stove for one easy-to-use hand-held remote. The GreenSmart Remote gives you the choice to run the stove in a traditional thermostat mode or in the "Smart Thermostat Mode." In "Smart Mode" the flame will modulate up and down as opposed to shutting on and off like normal thermostats, thus conserving fuel and maximizing heating ability while extending the viewing pleasure of the fire. The end result - an elegant, smarter and greener home heater.

Use your smart phone to watch a video of how this GreenSmart™ remote works.

Eden™ Gas Stove Installation Guide

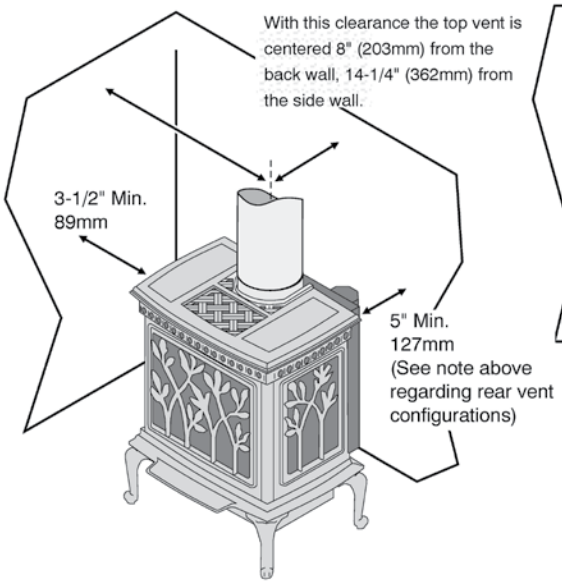
Always refer to the Owner's Manual for installation requirements!



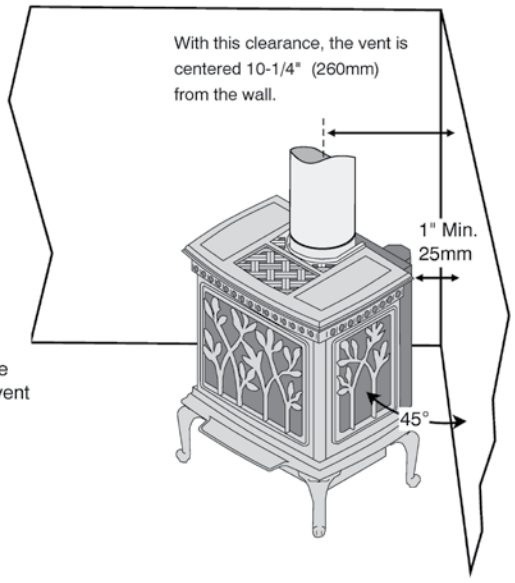
Stove Clearances

NOTE: If using the rear vent configuration, you will require approximately 8-1/2" to the rear of the stove for the vent adapter and thimble.

Straight Installations



Corner Installations



Listings

This appliance was listed by OMNI Test Labs to ANSI Z21.88 - Report # 028-S-50d-5.

IAS (ICBO) Approval

This appliance was listed by OMNI Test Labs - IAS # TL130.

Massachusetts Approval

Submitted to the Massachusetts Board of State Examiners of Plumbers and Gas Fitters

Mobile Home Requirements

When the stove is installed in a mobile home, it must be bolted to the floor and the appliance grounded (use the optional blower with a grounded circuit or other suitable grounding method - current ANSI/ NFPA 70 or CSA C22.1).

Venting

Horizontal termination requires the addition of 8" Min. Rear Vent Kit - Part 96200311

Alcove:

When placed in a location where the floor to ceiling height is under 7 feet, the installation is considered an alcove and must meet the following requirements: - The alcove floor to ceiling height must be at least 38-1/8" (968mm) tall - The alcove must not be more than 24" (610mm) deep before the ceiling returns to 7' (2134mm) - The alcove must be at least 28-1/4" (718mm) wide

Floor Protection Requirements

When the stove is installed directly on carpeting, vinyl or other combustible material other than wood flooring or a high pressure laminate wood floor, the stove must be installed on a metal or wood protection panel extending the full width and depth of the heater (Minimum 21-1/4" wide by 15-7/8" deep).

Child & Pet Protection

If you have an infant or toddler (or even pets) consider installing a protective hearth screen around your gas stove; make sure it's tall enough so that children can't climb over it, and that it's placed far enough away so that reaching arms can't touch the surfaces of the stove. A few precautions such as these will allow everyone in your home to safely enjoy the comfort and warmth of your new gas stove. Ask your Avalon dealer for information on firescreens, hearth gates, screens and other safety products for your gas stove.

Real World Warranty *(Better than a "Limited Lifetime Warranty", just compare!)*

Your gas stove is backed up by a network of Specialty Hearth Dealers and certified factory trained installers. Avalon warrants our gas stoves to be free from defect in material and workmanship for a period of seven years from date of purchase.

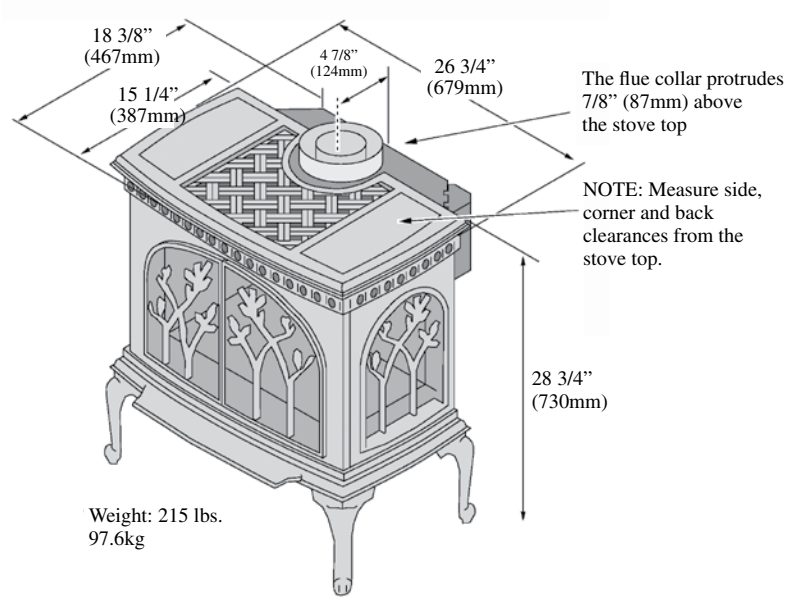
YEARS 1 through 2: All parts and electronics (except paint, gasket and Accent Light bulbs) - Parts and Labor.

YEARS 3 through 5: The firebox assembly and convection heat exchanger - Parts and Labor.

YEARS 6 through 7: The firebox assembly - Parts only

Tree of Life™ Gas Stove Installation Guide

Always refer to the Owner's Manual for installation requirements!



Listings
Listed by OMNI Test Labs to ANSI Z21.88 - Report # 028-S-58-5.

IAS (ICBO) Approval
This appliance was listed by OMNI Test Labs - IAS # TL130.

Massachusetts Approval
Submitted to the Massachusetts Board of State Examiners of Plumbers and Gas Fitters

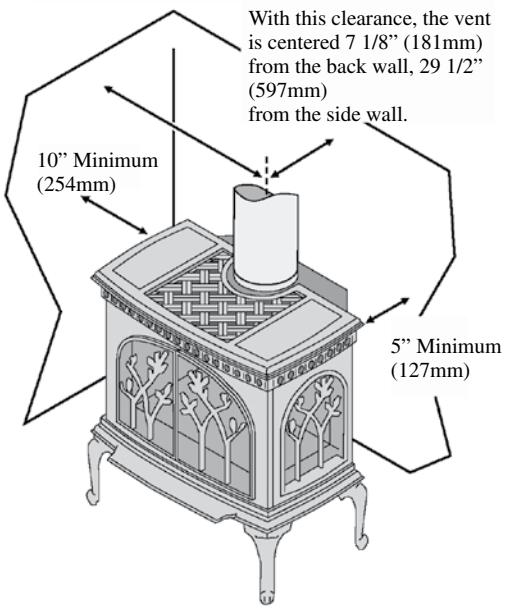
Mobile Home Requirements
When the stove is installed in a mobile home, it must be bolted to the floor and the appliance grounded (use the optional blower with a grounded circuit or other suitable grounding method - current ANSI/NFPA 70 or CSA C22.1).

Venting:
The Tree of Life uses 6-5/8" (168mm) diameter Simpson Dura-Vent Direct-Vent Pro (or GS).

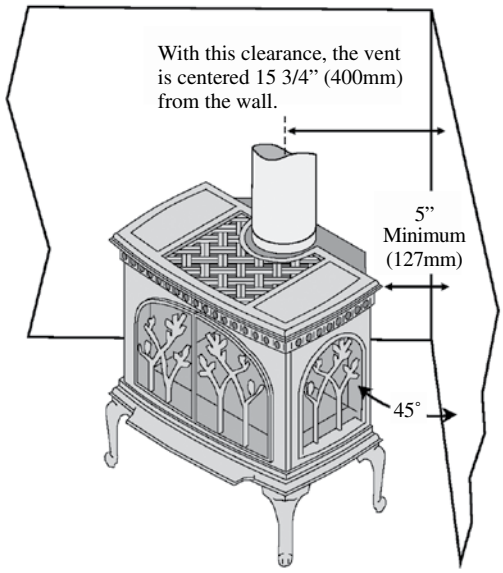
Always use the high-wind cap (or high-wind sconce cap, part # 46DVA-HSCH).

Stove Clearances to Combustibles

Straight Wall Installation


With this clearance, the vent is centered 7 1/8" (181mm) from the back wall, 29 1/2" (597mm) from the side wall.
10" Minimum
(254mm)
5" Minimum
(127mm)

Corner Installation



Alcove:
When placed in a location where the floor to ceiling height is under 7 feet, the installation is considered an alcove and must meet the following requirements: - The alcove floor to ceiling height must be at least 58" (147cm) tall - The alcove must not be more than 45" (1143mm) deep before the ceiling returns to 7' (21m) - The alcove must be at least 46-3/4" (118cm) wide.

Floor Protection Requirements
When the stove is installed directly on carpeting, vinyl or other combustible material other than wood flooring or a high pressure laminate wood floor, the stove must be installed on a metal or wood protection panel extending the full width and depth of the heater (Minimum 26-3/4" wide by 19" deep).

Your Authorized Avalon Dealer Is Located At:

AVALON
Firestyles for Life

www.avalonfirestyles.com

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